

# Oscar Johnson

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## EDUCATION

- 2014-present Louisiana State University Baton Rouge, LA  
Ph.D. candidate, Museum of Natural Science & Department of Biological Sciences.  
Advisor: Robb T. Brumfield  
GPA: 4.0/4.0
- 2008-2011 University of California, Santa Cruz Santa Cruz, CA  
B.S. - Ecology and Evolutionary Biology  
GPA: 3.86/4.0, *Magna Cum Laude*  
Senior Thesis: Mixed species flocking behavior at Monteverde, Costa Rica. Advisor: Bruce E. Lyon
- 2005-2008 Santa Barbara City College Santa Barbara, CA  
GPA: 3.93/4.0, Dean's list

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## PUBLICATIONS

- Capunitan, D., **Johnson, O.**, Terrill, R. S., Brumfield, R. T., and Hird, S. in prep. Assessment of bacterial taxonomic units and models of evolution in the gut microbiome of 73 bird species from Equatorial Guinea.
- Moncrieff, A. E., **Johnson, O.**, Lane, D. F., Álvarez Alonso, J., Balta, K., Eckhardt, K., Armenta, J., Valqui, T., Hernández, F., Soto Huaira, M., Mur, C., Harvey, M. G., Verde-Guerra, K., and Figueroa Ramírez, S. Accepted. Avifaunal surveys along the lower Huallaga River, Region of Loreto, Peru: new distributional records, collection of topotypes, and taxonomic implications. *Wilson Journal of Ornithology*
- Johnson, O.\***, Moncrieff, A. E.\*, Lane, D. F., Beck, J., Angulo-Pratolongo, F., and Fagan, J. 2018. A new species of antbird (Passeriformes: Thamnophilidae) from the Cordillera Azul, San Martín, Peru. *The Auk: Ornithological Advances* 135:114-126.
- Johnson, O.** 2017. Notes on the nesting behavior of the Gray-mantled Wren (*Odontorchilus branickii*). *Ornitologia Neotropical* 28:175-179.
- Cooper, J. C., **Johnson, O.**, Davis, T. J., Terrill, R. S., Wolfe, J. D., Brzeski, K. E., Motove Etingüe, A., and Powell, L. L. 2017. Notes on the distribution of the avifauna of Bioko Island, Equatorial Guinea, including one new country record. *Malimbus* 39:1-15.
- Johnson, O.** 2016. Pearly-breasted Conebill (*Conirostrum margaritae*), Neotropical Birds Online (T. S. Schulenberg, Editor). Ithaca: Cornell Lab of Ornithology.
- Shizuka, D., Chaine, A. S., Anderson, J., **Johnson, O.**, Laursen, I. M., and Lyon, B. E. 2014. Across-year social stability shapes network structure in wintering migrant sparrows. *Ecology Letters* 17:998-1007.
- Johnson, O.** and Billings, M. J. 2014. The Mangrove Yellow Warbler reaches California. *Western Birds* 45:160-162.
- Johnson, O.**, Pyle, P., and Tietz, J. 2013. The subspecies of the Song Sparrow on Southeast Farallon Island and in central California. *Western Birds* 44:162-170.
- Johnson, O.**, Sullivan, B. S., and McCaskie, G. 2012. The 36th report of the California Bird Records Committee: 2010 records. *Western Birds* 43:164-188.
- Johnson, O.** 2010. Primer registro de rascón café (*Amaurolimnas concolor*) en Monteverde, Puntarenas, Costa Rica. *Zeledonia* 14:57-58.
- Johnson, O.** 2010. Review: *Birds of the US-Mexico Borderlands: Distribution, Ecology, and Conservation*, by J. Ruth, T. Brush, and D. Krueper, associate editors. *Western Birds* 41:60-61.
- \* These authors contributed equally to this manuscript

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## SCIENTIFIC PRESENTATIONS

- Hird, S., Capunitan, D., **Johnson, O.**, Terrill, R. 2019. (Keynote talk). Evolutionary signal in avian microbiomes. Pioneer Valley Microbiology Symposium.
- Johnson, O.** 2018. (Invited talk). Recent LSU Museum of Natural Science expeditions to South America; science, discovery, and exploration. Baton Rouge Audubon Society.
- Johnson, O.** 2016. (Talk). Expedition Travelogue Part I: Ornithology in Africa. Louisiana State University Museum of Natural Science Seminar.
- Johnson, O.** and Robb T. Brumfield. 2016. (Talk). Phylogeographic patterns of Amazonian river-island birds. North American Ornithological Conference.
- Freitas, L., Delgado-Jaramillo, M., Cabanne, G., **Johnson, O.**, and Luciano Naka. 2016. (Talk). História evolutiva e conservatismo de nicho de *Myrmorchilus strigilatus*: um táxon endêmico de duas florestas secas neotropicais. XXIII Congresso Brasileiro de Ornitologia.
- Johnson, O.** 2015. (Talk). Expedition Travelogue Part II: Peru. Louisiana State University Museum of Natural Science Seminar.
- Johnson, O.** 2015. (Talk). Within- and across-year social cohesion in wintering sparrows revealed by social networks. Louisiana State University Museum of Natural Science seminar.
- Shizuka, D., Chaine, A. S., **Johnson, O.**, Laursen, I. M, and Lyon, B. 2014. (Talk). Within- and across-year social cohesion in wintering migrant sparrows revealed by social network analysis. AOU/COS/SCO Joint Meeting.
- Johnson, O.** 2006. (Poster). Associations between wind speed and wing-strain in mist-net captured birds. Poster presentation. Ventana Wildlife Society Semi-annual Staff Conference.

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## AWARDS, GRANTS, AND SCHOLARSHIPS

Outreach Award – LSU Museum of Natural Science	2018
Virginia L. Mouw Award in Ornithology (\$200)	2017
Wetmore Award – American Ornithological Society (\$2,400)	2017
Chapman Grant – American Museum of Natural History (\$1,900)	2017
Student travel award – American Ornithologists’ Union (\$265)	2016
National Science Foundation Graduate Research Fellowship (\$34,000)	2016
Maxwell Scholar (\$1000)	2007

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## TEACHING EXPERIENCE

Principles of Genetics (LSU Sophomore course) <i>Teaching assistant</i>	Spring 2015
Biological Laboratories for Science Majors (LSU Freshman course) <i>Teaching assistant</i>	Fall 2014

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## CURATORIAL EXPERIENCE

Genetic Resources, LSU Museum of Natural Science <i>Curatorial Assistant</i>	Jul 2015 – Aug 2016
Botany, Univ. of California Santa Cruz Museum of Natural History <i>Curatorial Assistant</i>	Sep 2009 – Mar 2010 & Jan 2011 – Mar 2011

Mammology, Santa Barbara City College Teaching Museum  
*Curatorial Assistant*  
Ornithology, Santa Barbara Museum of Natural History  
*Assistant Curator*

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Aug 2007 – Jun 2008

Jan 2005 – Sep 2008

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## SERVICE AND OUTREACH

Baton Rouge Westdale Middle School Family STEM night <i>Outreach to middle school kids for Museum of Natural Science</i>	Dec 2018
Acadiana Master Naturalists Bird Workshop <i>Bird specimen preparation demo</i>	Dec 2018
Acadiana Master Naturalists Bird Workshop <i>Behind the scenes tours of museum collection</i>	Sep 2018
Seminar series coordinator -- LSU Museum of Natural Science <i>Invite, organize visits, and host seminar speakers during Fall semester</i>	Fall 2018
4H Wildlife Competition Group <i>Taught middle and high school students bird identification</i>	Jun 2018
Audubon Day <i>LSUMNS outreach for the general public</i>	May 2018
Acadiana Master Naturalists Bird Workshop <i>Behind the scenes tours of museum collection</i>	May 2018
LSU Museum of Natural Science Birdathon fundraiser <i>Coordinator</i>	May 2018
Acadiana Master Naturalists Bird Workshop <i>Behind the scenes tours of museum collection</i>	Sep 2017
LSUMNS Night at the Museum – Birds <i>Education event for the general public</i>	Sep 2017
LSU Museum of Natural Science Birdathon fundraiser <i>Coordinator</i>	Apr 2017
LSUMNS 6 <sup>th</sup> Grade Day <i>Specimen preparation exhibit, and outreach for local 6<sup>th</sup> grade students</i>	Jan 2017
LSUMNS Special Saturdays – Birds & Beaks <i>Talks and activities about birds for 5-12 year old kids</i>	Dec 2016
Baton Rouge Westdale Middle School Family STEM night <i>Outreach to middle school kids for Museum of Natural Science</i>	Nov 2016
LSU Museum of Natural Science Birdathon fundraiser <i>Coordinator</i>	Apr 2016
LSUMNS 6 <sup>th</sup> Grade Day <i>Museum tours and outreach for local 6<sup>th</sup> grade students</i>	Nov 2015
LATM LSTA Conference <i>Outreach to local school teachers</i>	Nov 2015
LSU Museum of Natural Science Birdathon fundraiser <i>Team member</i>	Apr 2015

Reviews provided: *Molecular Phylogenetics and Evolution, Journal of Natural History, Western Birds*

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## MUSEUM EXPEDITIONS

Indonesia; central Sumatra  
*Joint LSUMZ/MZB expedition*

Feb – Apr 2018

Bolivia; Serrania Siberia and Chuquisaca <i>Joint LSUMZ/MHNNKM expedition</i>	Jan 2018
Texas; Trans-Pecos region <i>LSUMZ expedition</i>	May 2017
Peru; Cordillera Azul (expedition leader) <i>Joint LSUMZ/CORBIDI expedition</i>	Sep – Oct 2016
Peru; Rio Huallaga <i>Joint LSUMZ/CORBIDI expedition</i>	Jun – Jul 2016
Equatorial Guinea; Bioko Island and Oyala (co-led with Ryan S. Terrill) <i>Joint LSUMZ/KU expedition</i>	Jan – Feb 2016
Peru; Cerros del Sira, Gran Pajonal, and upper Rio Ucayali (co-led with Glenn F. Seeholzer) <i>Joint LSUMZ/CORBIDI expedition</i>	Sep – Oct 2015

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## PROFESSIONAL EXPERIENCE

Smithsonian Migratory Bird Center; Madison, Indiana <i>Crew Leader; breeding demography of Wood Thrush</i>	Apr 2014 – Aug 2014
Stanford University; San Vito, Costa Rica <i>Lead Bird Bander; effects of coffee farms on bird diversity</i>	Jan 2014 – Mar 2014
WEST, Inc.; Riverside County, California <i>Field Biologist; Environmental impact surveys for solar farms</i>	Aug 2013 – Dec 2013
Great Basin Bird Observatory; Lake Havasu City, Arizona <i>Field Technician; Territory mapping of riparian breeding birds</i>	Mar – Jun 2013
Kaua'i Endangered Seabird Recovery Project; Hanapepe, Hawaii <i>Endangered Seabird Field Assistant, Avian Research Technician; surveys of endangered seabirds</i>	Mar 2011 – Oct 2012
Point Reyes Bird Observatory; Southeast Farallon Island, California <i>Migratory Landbird Intern; banding and surveys of migratory birds</i>	Aug – Oct 2010, Oct – Dec 2011
UC Santa Cruz – Croll Lab; Santa Cruz, California <i>Volunteer; gull and raven surveys</i>	Sep 2009 – Mar 2010
UC Santa Cruz – Gilbert Lab; Santa Cruz, California <i>Volunteer; bird and mammal surveys on long-term ecological research plot</i>	Apr 2009 – Jan 2010
Smithsonian Institution; Santa Cruz Island, California <i>Field Assistant; banding and monitoring Island Scrub-Jays</i>	Jun 2008
UC Santa Barbara; Fairbanks, Alaska <i>Field Assistant; Experimental research on Yellow Warbler breeding biology</i>	May – Jul 2007
Shearwater Journeys; central California <i>Tour leader; Pelagic bird and whale tours</i>	Aug 2006 – Aug 2010
Ventana Wilderness Society, Big Sur Ornithology Lab; Big Sur, California <i>Conservation Ecology Intern, Bird Bander; long-term migration monitoring</i>	May – Jul 2006
Christmas Bird Count; Niland, California <i>Count Coordinator and Compiler</i>	Dec 2005 – Dec 2014

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## CERTIFICATIONS

Adult and child CPR and AED – American Red Cross	Jul 2012, May 2015
Basic Helicopter and External Load Safety – IAT Course	Apr 2012
Wilderness First Aid – Wilderness Medical Training Center	Jun 2011

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## **AFFILIATIONS AND MEMBERSHIPS**

Committee Member, California Bird Records Committee	Jan 2010 – Jan 2013
Board of Directors, Central Valley Bird Club	Nov 2009 – Nov 2014
Member, American Association for the Advancement of Science	2015 – present
Member, Society of Systematic Biologists	2016 – present
Member, Neotropical Bird Club	2015 – present
Member, American Ornithologists Society	2014 – present
Member, Western Field Ornithologists	2005 – present
Member, Central Valley Bird Club	Nov 2004 – Nov 2014
Member, American Birding Association	Sep 2004 – Sep 2008

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## **TECHNICAL SKILLS**

- Bird specimen collection and preparation
- Proficient in banding and processing songbirds, seabirds, and owls.
- Navigational skills: Can use 4WD, map, compass, and GPS.
- Familiar with mist nets, bal-chatri traps, Sherman traps, nest cameras, iButtons, telemetry techniques.
- Ability to identify all North American, Hawaiian, Mexican, Central American, Peruvian, and Caribbean bird species by sight, and most by sound.
- Basic knowledge of Californian and Hawaiian flora, mammals, reptiles, amphibians, and butterflies.
- Database management: familiar with Excel, Access, Filemaker, and ArcGIS.